

THE CAMERA CRAFTSMAN

PUBLISHED BY

VOL. 2 NO. 1

NATIONAL CAMERA REPAIR SCHOOL

JULY-AUG. 1956



SUBMITTED BY LEE A. McDONALD, Miamisburg, Ohio

PICTURE OF THE MONTH

IN THIS ISSUE: DANGER IN REDESIGNING PHOTO EQUIPMENT.....PAGE 4
THE IMPORTANCE OF KEEPING RECORDS.....PAGE 5

STUDENT of the MONTH

Stanford E. Paulson
Fairbanks, Alaska

For his work on the lesson:
**USING HAND TOOLS TO DU-
PLICATE A PART.**

Mr. Paulson's answers to the quiz were excellent. His practical work on the square of brass and the cable release clip showed extreme care and pride in producing a quality product.



Among the group on a big-game hunt in Malaya was an Englishman whose love of hunting was exceeded only by his passion for photography. Wherever he went, his camera was his constant companion.

One day, while at camp in the mountains out of Kuala Lumpur, the camera addict heard a shout. Looking up he saw one of the hunters running madly toward camp - a tiger in hot pursuit. In a flash he grabbed his camera and pointed it toward the frightened hunter. Just as the breathless man came into range the Englishman called out, "I say old boy, would you slow down a bit? I can't seem to get you both in the picture".



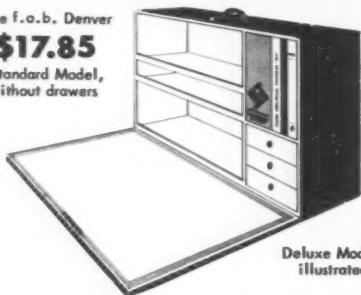
Auto Salesman, demonstrating gadgets to customer: "And when you push this button, the date of the next payment appears in red on the dial below".

Portable TOOL and WORK CABINET

Price f.o.b. Denver

\$17.85

Standard Model,
without drawers



Deluxe Model
illustrated

... Sturdily built of wood and masonite with attractive brass hardware, it is ideal for the busy camera repairman who needs a compact working space in which to keep and carry tools on outside calls. Ideal, too, for the student who has not yet built his work shop, it has a section to hold the Camera Repairman's Handbook and lesson text binders.

Size of an overnight suitcase (18" x 20" x 6-3/4") it is easily carried and stored. . . .

Deluxe model with three handy pull-out drawers and extra storage shelf. . . . \$24.56

THE CAMERA CRAFTSMAN

VOL. 2
NO. 1

Published for students,
graduates and friends of the
National Camera Repair School
JULY, AUG.
1956

CHESTER R. BERNARD..... EDITOR
CLAIR H. SCHMITT..... ASST. EDITOR
RUTH BORNISCHLEGEL..... ART DIRECTOR
TOM HOLMAN..... PRODUCTION MGR.

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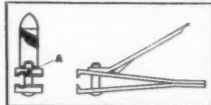
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NAIL CLIPPER USED AS WIRE CUTTER AND STRIPPER



In the accompanying sketch, you can see how an ordinary nail clipper can be adapted for use as a combination cutter and stripper for small diameter wire. The small size and compact design permit the tool to be easily carried in the user's pocket.

For cutting wire, the existing knife-like edges of the clipper jaws are used. For the purpose of stripping wire after it has been cut to length, a small hole, A, is drilled or ground (with a conical mounted grinding wheel) through the jaws at one end with the blades closed. Wire can then be readily stripped by simply inserting a certain length into the open hole, closing the jaws of the clipper to cut the insulation, and then pulling the wire through the hole. The edges of the hole must be sharp in order to properly cut the wire insulation.

The Director's Viewpoint

By SAMUEL L. LO



"The customer is always right!"

Regardless of your type of business, this oft-repeated slogan must be closely followed. Whether you are in business for yourself, or working for someone else, your customers are your real employers and the more customer "bosses" you have, the more difficult and essential it is that you please all of them.

As a repairman, your position is even more critical, and as a camera craftsman you will soon learn how important your handling of customers is to your everyday work.

Every customer who comes to you will have some sort of problem. His camera is not functioning correctly. He may recognize this and even know exactly what is wrong. More commonly he is just having photographic failures; bad pictures, missed pictures, general inadequate results. Your problem will be not only to make a repair if one is required, but find out exactly whether a repair is needed. Certainly there is something wrong, or you probably wouldn't be consulted, but your customer's analysis may be far removed from the truth.

The customer, you see, is always right - but he may not always be correct!

Your customer relations may often depend on how completely you correct his errors, without ever letting him feel that he has been wrong!

There have been many estimates made, percentage wise, but I would not hesitate to say that over half the camera troubles that are brought to you will be remedied best by tightening the nut holding the camera! This is a most difficult repair, and you will certainly not be permitted to refer to your client as a nut more than once!

One important fact is in your favor, however. If you will remember it and apply it diligently you will find that the problem of customer handling will dwindle to insignificance.

That fact is your expert knowledge.

If you will alter your "repairman - customer" relationship to that of "advisor - client" the battle is almost won. Most photographers, be they amateur or professional, welcome every opportunity to learn new facts and techniques. With an honest spirit of helpfulness you can not only aid in eliminating the problem-at-hand but be certain that your more costly

services will be constantly requested.

Unfortunately, you will still occasionally be confronted by two disturbing customer "types". One is the type that resents any suggestion as an affront to his ability. The other will welcome your no-charge instructions and return again and again for more - free. For the former, only the greatest care in offering ideas different than his own will avoid antagonism. The latter - the camera repair shop version of the "free loader" - you will have to learn to tolerate and gently discourage.

Be the man on whom anyone may unburden himself of photographic problems and you'll be the man most sought after by the photographic fraternity. Your business is Service - offer it constantly.



WELCOME TRAVELERS

It's always pleasant to get the chance to chat a bit with an NCRS student. Mr. Furtado, student #268, of Photo Science Labs, San Lorenzo, California, came in the other day for a short visit. This nice note was received from him later.

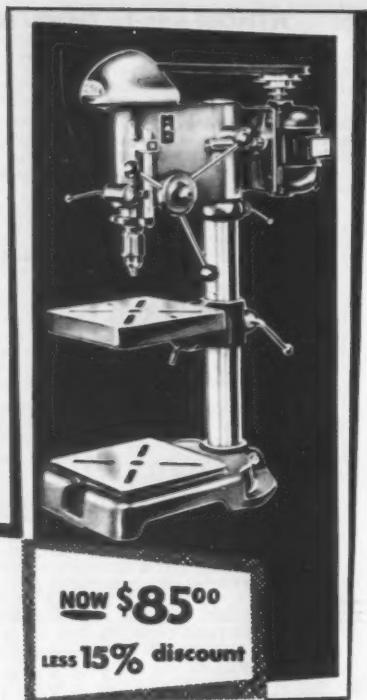
JUST A SHORT ONE TO AGAIN EXPRESS MY APPRECIATION FOR THE WONDERFUL WELCOME I RECEIVED ON MY RECENT VISIT. I'M SORRY THE ROUTINE OF THE SCHOOL WAS DISRUPTED FOR THE MORNING, BUT EVERYONE'S HELPFULNESS IN ANSWERING MY QUESTIONS AND SHOWING ME AROUND WAS REALLY APPRECIATED. IT GAVE ME A PLEASANT FEELING INSIDE. BEST OF ALL MY FUTURE LESSONS CAN BE SENT TO A GROUP OF HELPFUL PEOPLE RATHER THAN TO AN IMPERSONAL SCHOOL.

THANKS AGAIN TO EVERYONE AND, IF POSSIBLE, WE HOPE TO VISIT AGAIN SOMETIME IN THE NEAR FUTURE.

SINCERELY, MARTIN D. FURTADO

If you have the opportunity to pass through Colorado on a business or pleasure trip, won't you make it a point to drop by? You're always welcome - it's really good to get to know you a little better. Y'all come!





Camera repair shop machine tools require a special set of features. For example, the work is not large - yet, on occasion, a pretty rugged job must be done. Precision is important; sturdiness is important; size is not.

Atlas 12 3/4" BENCH TYPE DRILL PRESS

These are some of the reasons why the 12-3/4 Atlas bench-type drill press has been selected as an ideal unit.

In this press are found features usually present only in larger, more-expensive tools. The design includes a six-splined spindle, for example, with double ball-bearing floating spindle drive and large double-row ball bearing on the pulley. Both tilting table and base are precision ground. The feed wheel is the three spoke type, and the 1/2" chuck is a keyed precision Jacobs.



How smart are you? How much do you know about camera manufacturing? How many cameras have you redesigned? How many times have you wanted to modify a design - - just because you couldn't get it to work right? How many times have you said, "The d - - - thing shouldn't have been made that way in the first place!"? How - - How - - How - - HOW? - - - - - By restoring each part to its original purpose! This is the best way you can give your customer what he came to your shop for - - his camera, operating the same way it was when he bought it! Unless you were asked to improve performance, modify or otherwise change the end result of the operation of a piece of equipment, your job is to put it in good working order. Restoration to the original intent is the repairman's job and too much time can be wasted in attempting to "dream up" a better way to do it. Sometimes your ingenuity will prompt you to make a small modification. OK, but don't forget that the manufacturer had it working right the way he did it. You may well have the ability to redesign a part and greatly improve the performance of a camera, but unless you can convince your customer to pay for this extra work you are selling your talents short.

One more very important point! The manufacturer is concerned with your work! Anything that you do that may tend to give his product undue criticism is always a reflection on the Trade Name. Learn how a camera was made to operate and restore it to its original design as much as possible. Redesign only when absolutely necessary. It's better for you, your customer, and the manufacturer.



SKILLED WORKER SHORTAGE GROWS

Quoted from NATION'S BUSINESS

Reports from local public employment offices show 30, 000, unfilled openings in professional, skilled ranks.

That's 85 percent increase over this time last year.

Jobs which communities are having a hard time filling include engineers, 5,844 unfilled openings; schoolteachers, 2,700; draftsmen, 1,815; nurses, 890.

Other occupations affected: physicists, mathematicians, translators, patent examiners, top metal workers, maintenance mechanics, repairmen tool and die makers.

THE CAMERA CRAFTSMAN

KEEPING SCORE

Some of the readers of the CRAFTSMAN may find this article has nothing new in it for them. It will be of special interest to those who may be contemplating their first business enterprise. It is about keeping of records.

Reports from trade associations, bankruptcy courts and other sources always point out one definite fact: About eighty percent of all businesses that fail have inadequate records. This point is worth repeating - about eighty percent of all businesses that fail have inadequate records. It is agreed that the lack of adequate records has been a contributing factor in these failures. It has been the principle factor in the failure of many. Lacking good records, many of these businesses failed before the owner knew what was happening.

In considering the importance of good records, it is well to take a look at our great national pastime - baseball. Starting from the rankest amateurs in kid baseball, we find that complete records are kept on every phase of the activity of the players. There is no guess work. Professional baseball managers evaluate their players and pay them on the basis of complete records of performances. If Mickey Mantle can keep up his hitting spree, he is sure to earn much more money next year. The records will prove he is worth it.

Do you think a manager could keep all of this information in his mind about the performances of his players if he could not look at the records? Could he really know the difference of ability between a man hitting .275 and one hitting .290 without records? Salaries in baseball are determined by records.

If you keep good records you eliminate one of the biggest reasons for failure. Doing business without them is like going to bat with two strikes already on you.

What records are essential? Here are some of the facts that any business man needs to get from his records:

- Cash business done
- Charge business done
- Money received on account
- Money paid out and for what
- Total cash received
- Amounts deposited in the bank
- Amounts withdrawn from the bank
- Balance in bank
- Merchandise purchases
- Inventories

Expense records are analyzed on the same basis as batting averages - that is by percentages. Expenses should be broken down into various classifications such as:

- Salaries
- Rent
- Light, heat, phone and water
- Insurance
- Taxes
- Repair and maintenance

- Freight
- Delivery
- Advertising
- Office expense

Some of these expense items may not apply to certain businesses and there may be others not shown here that will apply.

Your figures for controlling your expenses should be totaled by each classification of expense and compared with the total volume. For example, if your rent was \$100 a month and your volume of business was \$1500, the percentage of cost for rent would be 6.7%. By making month to month comparisons of the percentage costs of the various expense items you can learn quickly about any unhealthy fluctuation in your business expenses.

Other important records pertain to the activity of sales people or service people. You need to know how much money a service man is earning for you and what he costs you.

Many, many people who are mechanically inclined do not like to keep books. If you know you do not like to keep books, it is a good idea to get someone else to do it. If you have a wife who can do it, that's fine. But, if you have no one, you should have a part time bookkeeper come in. You can usually get this work done for a small business for \$25.00 a month or less. If you are busy, your time will be more valuable repairing cameras than keeping books and will result in greater profits to you.

Government demands on business men almost make it mandatory that good records be kept. You can usually save enough trouble with your state and federal government agencies to justify the cost of the service, particularly if you have any employees.

The emphasis is on good accounting. Be sure that it gets done - no matter who does it.

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SERVICE HINTS

No need to "ground" a neon test lamp when you search for the hot side of an AC line. Just touch one lead to the hot line and hold the other. Your body is a partial ground and the neon bulb will glow feebly if there is power in the AC line. The resistance of the neon tester is so high there's no danger of a shock, but don't try it with any other type of tester! Some repairmen use this trick to locate burned out tubes in series, to polarize line plugs and to find breaks in a circuit.



Some of you people who are right up in the front row when it comes to taking pictures seem to feel different about being in front of the camera instead of behind it.

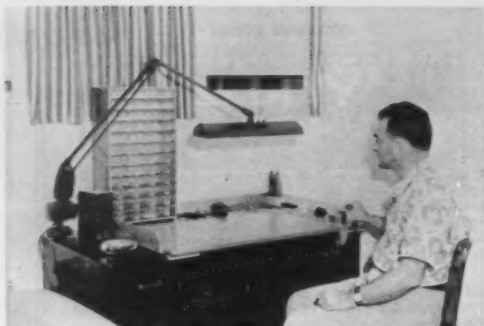
The point is, we need many, many more photographs of students. If you don't have a head and shoulder picture of yourself, break out a camera and take one. NCRS will provide free parts for any camera broken this way. We need more pictures, many more pictures. Send them along, please.

SHOP SHOTS

Here's where ServiShop Craftsmen learn and earn. Made a change in your shop lately? Make a quick pic or two and send 'em in. Share your ideas.



Forrest E. Wagner, Lancaster, Pennsylvania



M/Sgt. Clay H. Myers, New York, New York



M/Sgt. E. A. Tarbell, Holloman AFB, New Mexico



Robert H. Harr, Whiting, Indiana



Wilfred L. Wiegand, Cleveland 3, Ohio

THE CAMERA CRAFTSMAN



Your customers can get
better pinups with
EVEREADY Photoflash Batteries!

Stock the top line in
photo flash batteries.
Order Eveready from
NCRS SUPPLY

No. 815 Pensize "AA" list price \$1.15 net price 1 doz. \$1.17	No. 835 Intermediate Size "C" list price \$2.20 net price 1 doz. \$1.56	No. 850 Standard Size "D" list price \$2.20 net price 1 doz. \$1.56	No. 412 B-C Unit list price \$1.40 net price ea. \$0.98
---	---	---	--

Other types and sizes all available.
EVEREADY - the only complete line



ON THE COUNTER

Displayer measures 4-1/2" wide
7-1/4" deep and 12" high



ON THE WALL

**THIS DISPLAYER
NUMBER PF1028
For counter or wall**

Displays all types of Eveready
round cell photoflash batteries -
shows 'em off to best advantage.

**FREE with orders
for 72 or more**

Sturdy metal construction with
"wrought iron" appearance for
added attractiveness.

Dealers can order "Eveready"
round cell batteries (minimum
quantity 72) in any assortment
they choose. . . .

Following is a suggested order:
36 No. 815 batteries - \$3.51
24 No. 835 batteries - 3.12
12 No. 850 batteries - 1.56
(Suggested dealer cost)
Total dealer cost
for 72 batteries . . . \$8.19
Total list value . . . 12.60
Dealer's Profit. . \$4.41

**ORDER FROM NCRS
SUPPLY TODAY**



Here is a sales and service tool
dealers have been waiting for!
A quality photoflash battery tester!

Available on
this limited
offer for only
a fraction of
its true value.

NEW!

EVEREADY

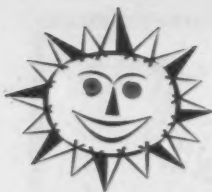
**ONLY \$15.50
with orders for
144 round cells**

**PHOTOFLASH
BATTERY
TESTER**

Tests all kinds of photoflash batteries - 1-1/2 volts to 510 volts -
all round cells, all B-C batteries, all electronic flash batteries.

Large, easy-to-read scale shows customers batteries are OK
when you sell them or indicate when battery replacement is
necessary.

**OFFERS OPEN FOR LIMITED TIME ONLY . . . ORDER YOUR
"EVEREADY" ROUND-CELL PHOTOFLASH BATTERIES TODAY
DON'T MISS OUT ON THIS BIG OPPORTUNITY!**



NCRS PICNIC

The NCRS staff picked a hot day in June for their annual outing to the mountains. Adults were outnumbered by moppets three to one but it was a toss-up as to who had the most fun.

The kiddies were made happy by a penny-toss which not only made some of them rich, but also gave them that much more excuse to wallow in the dirt.

Besides eating, the "big kids" enjoyed such activities as fencing, soft-ball and just relaxing.







Mack Williams of Roswell, New Mexico returns a repaired camera to a customer. Mack's Camera Center gives COMPLETE service to its customers.

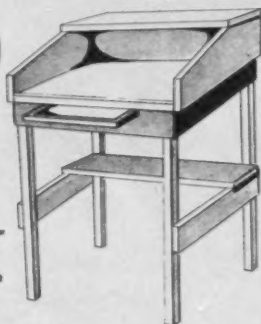
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A mother was writing to her son congratulating him on his engagement: "My dear boy, what glorious news! Your father and I rejoice in your happiness. It has long been our greatest wish that you should marry some good woman. A good woman is the most precious gift a man can have. She brings out all the best in him and helps him to suppress all that is evil."

Then there was a postscript in a different handwriting: "Your mother has gone for a stamp. Stay single you young fool!"

CAMERA REPAIRMEN'S WORK BENCH

\$24⁹⁵



Work level:
42" above floor

Table top
work area:
34-1/2" x 21-1/2"

Top shelf:
9" wide, 5" above
table top

This is a jeweler's type stand, made of 3/4" pine, finished in neat battleship gray. Ideal for work or study, it takes up minimum floor space, is topped with sturdy linoleum, and is equipped with canvas catch tray.

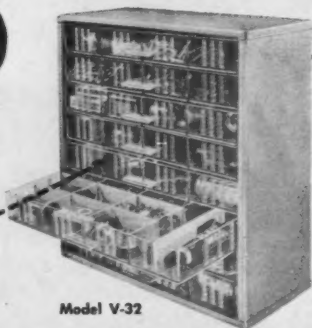
Shipped partially knocked down; setting up takes only a jiffy.

E-Z FIND

FULL-VUE CABINETS...

NO NEED TO OPEN A LOT OF DRAWERS TO FIND WHAT YOU WANT!

- Each Drawer Is Made Of Clear Plastic.
- Cabinet Made Of Heavy Gauge Welded Steel.
- Four Drawers In One Strong Piece.
- Safety Catches Keep Drawers From Spilling.
- Drawers Can Be Carried To Work Area.
- Each Drawer Can Be Divided Into Two Or Three Compartments.



Model V-32



Model	#Drawers of 4 in 1 type	Height	Width	Depth	Shipping Wt. in lbs	Price
V-12	12	6"	12-1/2"	6"	5 to 6	4.98
V-16	16	7-1/2"	12-1/2"	6"	7 to 8	5.98
V-20	20	9"	12-1/2"	6"	8	7.48
V-24	24	10-1/2"	12-1/2"	6"	9	8.98
V-32	32	14"	12-1/2"	6"	11 to 12	10.98

* Your Discount 20% CASH WITH ORDER PLEASE

NCRS

S

SUPPLY

M

ARKETPLACE

...SPRING WIRE KIT

3 FEET EACH OF SIZES:
 .011, .012, .018, .020, .022
 6 INCHES EACH OF SIZES:
 .040 and .050

Only
 \$1.00

BAUSCH & LOMB



Loupes



#302-1/2 - 2-1/2" focus; no headspring.
 Regular \$1.25, SPECIAL \$1.00

#322-1/2 - 2-1/2" focus; headspring.
 Regular \$1.75, SPECIAL \$1.50

Shutter Blade
ASSORTMENT

Just what you've needed-

36 BLADES . . .

2 EACH OF 18 DIFFERENT TYPES

This handy assortment is packaged and labeled by manufacturer's numbers and shutter models. Included is a clear plastic compartment box for efficient sorting and storing.



\$6.95

Price FOB Denver

Order from NCRS Supply TODAY

ELECTRONIC
SOLDERING GUNS

LIST PRICE \$12.95

YOUR PRICE \$9.30

HEAVY DUTY 250 WATT GUN

Just pull the trigger and in three seconds this Electronic Soldering Gun is hot and ready to do your soldering job. Because the tip is part of the electronic element it produces heat instantly and in great volume. Designed to solder in tight corners. Operates on 120 V.A.C. 60 cycles. Shipping weight - 3-3/4 lbs.



LIST PRICE \$7.95

YOUR PRICE \$5.60

GENERAL PURPOSE GUN

This smaller and lighter electronic soldering gun weighs only 1-1/2 pounds. Designed with a new type long nose attachment with a special long life tip. Melts solder in 2-1/2 seconds. Built in spotlight automatically illuminates work. Ideal for solderflash wires, connections, light gauge metals, etc. Operates on 120 V.A.C. 60 cycles. Shipping weight 2-1/2 lbs. Extra tips are available.

. . . from NCRS SUPPLY

SCREW AND NUT ASSORTMENT

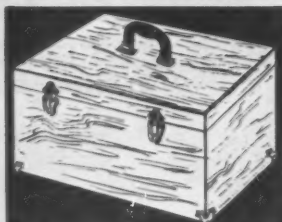
Twenty-eight dozen often needed small screws and nuts. Twenty-five different screws and three different nuts. This assortment will make your work easier.

\$4.48

postage prepaid with cash orders.

Protect your customers' camera from heat and shock with this sturdy...

CAMERA CARRYING CASE



- Made of rugged 3/8" plywood.
- Hardware is heavy duty.
- Heavy luggage-type handle.
- Corners protected with metal.
- Lined throughout with sponge rubber.
- Has 2 turnbuckle catches.
- Inside dimensions - 18-3/4" long, 10-1/2" wide, 8-3/4" deep.
- Finished in beautiful clear lacquer.

A BARGAIN AT... **\$14.95**

FLASH CORDS!

Use these cords to help your customers use flash guns with all their cameras.

You can speed up replacement by having cords on hand. . .

This Is a Deal . . .

18" Solenoid Cord	\$2.25
ASA Double Post	2.25
ASA Bayonet	2.25
18" Compur	2.25
18" Argus C 3	2.95
18" Graflex Solenoid	2.25
TOTAL LIST PRICE	\$14.20

YOUR PRICE only \$9.90!

THE QUESTION BOX ...

Discuss your problems frequently with your instructor. . .



Q. How is the mechanism plate removed from a Bolsey B-2 in order to clean the shutter blades? The flash connection in this camera is either welded or silvered soldered in place and I see no way of getting around it.

Robert G. Boehme
Haddon Heights, N. J.

A. The Bolsey B-2 (Alphax Synch) shutter mechanism plate cannot be removed until the shutter is removed from the camera. The screws and washers by which the connecting flash wire is fastened to the mechanism plate along with the flash connecting post and contact may be removed in the normal manner (see lesson #12).

Q. Where can I obtain detailed drawings of shutters showing nomenclature, etc. ?

E. G. Cantin
Poughkeepsie, N. Y.

A. At present there are no general drawings available. However, your School will produce such an aid in the future. This is planned along with a standardization of parts nomenclature. (As it is now, it seems each manufacturer has a different name for a similar part - making ordering very confusing.)

Q. Do different developing solutions have any visible effect on the gamma curve if the film is processed by the film manufacturer's specification?

Jesse Shelton
Minneapolis, Minn.

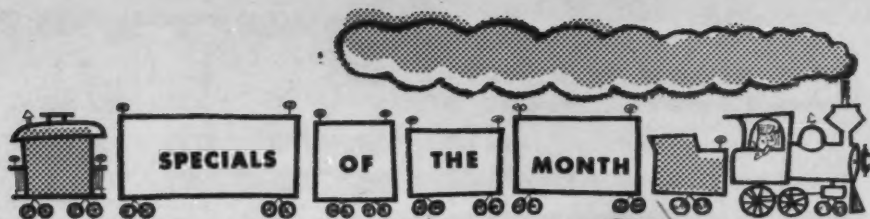
A. The film manufacturers specifications usually call for one specific developer. Films may be developed in a variety of developers to a particular "gamma". Two negatives having the same gamma would by definition have the same curves.

Q. Suppose someone has tampered with the focusing lens and assembled it out of "time". How do you find the correct timing?

Albert Sneathen
Grand Rapids, Mich.

A. If the camera is available, mount the shutter. If not, the shutter must be held in some way (perhaps on an optical bench) so that a ground glass can be placed at the correct focal plane distance. By examining the image on the ground glass, the lens can be retimed or refocused to produce a sharp image at the proper distances.

THE CAMERA CRAFTSMAN



This is what you've been waiting for!



MORRIS E-Z Tap and Die Set

SIZES: 00-90 0-80 1-72 2-56

Here is a set of precision tools that any craftsman or tool maker would be proud to own! Set is put up in a fabric lined metal case with springhinge cover. Tools are held in a wood block base. Taps are contained in the hollow handle of the Holder.

CONTENTS: 4 Taps, 4 Dies, 1 E-Z Tap & Die Holder, 4 Bushings, 1 Set-Screw Wrench. **PRICE COMPLETE \$12.50**

MORRIS CARBON STEEL TAPS AND DIES are precision quality throughout. Taps have a plain round shank of the same diameter as the threads. Dies are 3-prong type 7/32" O.D.

NEW SERVISHOP SIGN

This colorful sign will tell your customers that you want their camera repair work. One sign is FREE; 25¢ in cash or stamps for handling and postage. This sign is done in eye-catching yellow, blue and black on a white background. Its size is 11 by 14 inches.

3 signs....\$3.00 - 5 signs....\$4.00 - 10 signs....58¢ each
Cash with order please. Postage prepaid. No handling charge for your free sign if you order extras.

**EXPERT
CAMERA
REPAIR
SERVICE**

Authorized agency
NATIONAL CAMERA
ServiShops



A MASTER CAMERA CRAFTSMAN
Specializing in all types of camera repairs and accessories



Drop Leaf Table

No. 739

\$14.35

for TYPIST

Roomier than most tables. It has drawer for supplies and shelf for books, rolls smoothly on four casters. Will last a lifetime because of heavy gauge steel and strong piano hinges. Green or gray baked enamel finish.



for TV

**This table for \$15.00
with every
"Posture" chair
ordered!**



"Posture" Chair
No. 5815 **\$29.95**

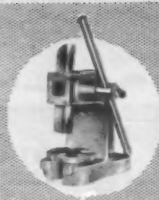
LIFE

Scientifically designed to eliminate fatigue and improve efficiency. Buoyant foam rubber seat 16-1/2 X 13-1/2. Adjustable controls and smooth rolling ball bearing casters. Beautifully upholstered in U. S. Rubber's famous Naugahyde. Won't stain, crack or peel. Choice of brown, green, gray or wine.

MODEL 00
arbor press

Designed for light production and assembly work, this model has a large opening in base for arbor work and is equipped with a slotted tableplate.

Presses up to 1 ton.



Price f.o.b. Denver **\$26.00**

NCRS is pleased to announce an important new member of the staff. Mr. Guenter Stumberger has been added to the staff in our camera repair department. Mr. Stumberger is well qualified in all types of camera work, and is a specialist in Compur and Prontor shutters. He had about ten years of experience in Germany before coming to the U. S. A.



"Guys
and Dolls"

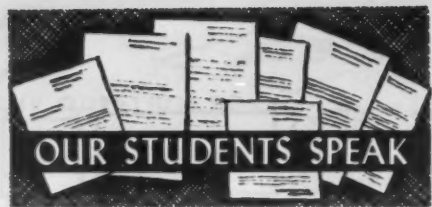


LUNCH TIME ATHLETES AT NCRS

Above are, front to rear: Noreen Eisbrenner, Ruth Bornschlegel, Delphine King, Dee Langley, Mounene Rotramel, Clair Schmitt, Chester Bernard, Frank Curtis, Tom Holman and Sam Love, the "many musketeers". One by one, they've become interested in the exciting and vigorous sport of fencing. Most any noon hour around the School building, you may hear the clash of blades and ringing cry of "Touche!"

Delphine King, usually demure and quiet behind her desk, says, "We're all rank amateurs, but boy! do we fence!"

It all started quite innocently when S. L. Love, Director of NCRS, brought in some twenty-year-old foils and masks he'd enjoyed using in high school fencing. Now there is enough personally owned equipment to keep quite a gang working out at once!



You have no idea how pleased I am with the course. The lessons are clear, concise and easily followed. More important yet is the feeling that the entire NCRS staff is eager to be of help. I have had this demonstrated on several occasions.

The lessons have produced excellent results to date. As I mentioned in earlier letters, our aim was to establish a repair shop in our newly located store in order to better serve our customers needs, place us in a better competitive position and produce additional revenue which we all look forward to. We have, on a limited basis, placed it in operation and I am happy to report that we have repaired some 114 units of photo equipment, including body repairs, R/F, shutters, etc., plus keeping our own rental equipment in good working order. More significant to us, is the fact that all our customers are happy and we have not had a job go bad. We try desperately to discharge our duties in the best interests of the customer.

R. St. Amand
Redfox Camera Center
Huntington Park, California

"I was surprised to notice the quality of the soldering tweezers. I have always been fond of good tools. This is a reflection on the good points of the NCRS course.

Arthur E. Sager
Appleton, Wisconsin



Excerpts from a letter from
Charles K. Schickel of Lancaster, Pa.

Received my copy of the Camera Craftsman last week. I enjoy reading it very much and now I'm in the mental stages of a few ideas that I'll pass on, (if they work). I'm full of 'em but it takes me a while to get them into the practical stage.

Someone made the mistake of encouraging us fellows to tell something about ourselves. You asked for it.

I'm crowding 39 years; July 2nd is my birthday. Favorite outdoor sports: swimming, hiking, hunting and loafing. Indoor sports: none. Hobbies: photography, do my own color (Anscochrome) and black and white. Member and past VP of RCA camera club.

Our club has monthly competition in color and

(Continued on back page)

THE CAMERA CRAFTSMAN

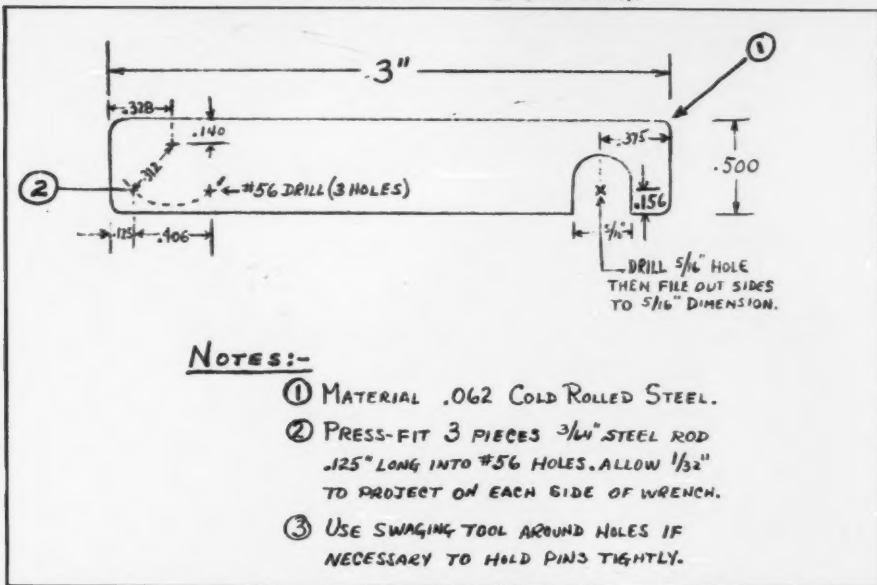


PROJECT

of the month



This Argus C-3 wrench for release lever lock nut and rangefinder adjustment cap was submitted by R. G. Boehme, Haddon Heights, New Jersey.



ARGUS C-3 WRENCH

RGB - 3/2/56.



NATIONAL CAMERA REPAIR SCHOOL

Box 174
Englewood, Colorado

I am interested in the opportunities and advantages of a career in Camera Craftsmanship. Please furnish me with complete information about your training program.

Name _____ Age _____

Street _____

City _____ State _____



If you have a friend or relative who may be interested in the money making opportunities that exist today in the camera repair field, have him or her fill out this coupon and mail it to the National Camera Repair School, Box 174, Englewood, Colorado.



J. Robert Rinfret of Goose Airport, Labrador reports that he is planning to be married soon. We don't have the name of his prospective bride. Regardless of her name, the whole staff at NCRS wish them a long and happy marriage.

Mr. and Mrs. William B. Corin of Butte, Montana announce the birth of a baby boy. He weighed 8 pounds, 11 ounces - a typical "bouncing baby boy". Congratulations to the Corins.

A very recent announcement from Warrensburg, Missouri: Mr. and Mrs. Frank Witmer informs us of the arrival of twin boys in their family. Double congratulations to them!

Excerpts from a letter from
Charles K. Schickel of Lancaster, Pa.

(Continued from page 14)

BW and at present am in 2nd place in BW and 3rd in color.

I read and avidly digest all articles in the photo mags having to do with processes, chemicals, products and also shop the ads looking for bargains.

THE CAMERA CRAFTSMAN *from*

NATIONAL CAMERA REPAIR SCHOOL

Box 174

Englewood, Colorado

My favorite armchair sports are boxing and the horse operas. Dislike Dragnet, Mr. DA and the corny stories that clutter up the airwaves.

Also like to travel leisurely by car, stopping at any place that has historical background. While at camp in Kentucky, spent a Sunday visiting the Old Kentucky Home at Bardstown, then swung over to Hodgenville where we visited the Lincoln home-
stead

If you have never been to Canada, heed this: You have to register and declare all photo equipment by name and number, binoculars, portable radios and car radios so be sure to note all camera numbers, as it took a little arguing to keep them from opening mine and spoiling films in them. Most camera numbers are inside the box, if you haven't noticed. If you have a foreign made camera be sure you have the import certificate with you also. I recorded some shots at night in color. (Had to guess my exposure) as I was using Anscochrome and shooting at ASA 64.) They were good

When I get time this Fall I'm going to try to adapt a Schneider Xenon, fl. 5, F 2.5 cm, 16MM lens to my Keystone Camera. It's in a focusing mount; focusing from 14mm to 80 cm and fits the "C" mount perfectly. Took this off an electrically operated German gun camera. Some project.

I will close now and anyone who wants any dope on color processing can write me.

Was very much interested to get those shutters; had more patience than I ever did and look forward to more interesting work.

This is an interesting letter. We wish we had a picture of Mr. Schickel to print. ED.

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